

Caltrans

IST COUNTY ROUTE KILOMETER POST | SHEET TOTAL TOTAL PROJECT | NO. | SHEETS REGISTERED CIVIL ENGINEER January 24, 2005 C42892 PLANS APPROVAL DATE Exp. 03-31-2006 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plans these To get to the Caltrans web site, go to: http://www.dot.ca.gov

To accompany plans dated _

38 mm Dia hole for 16 mm Dia stainless steel cable, thimble, and cable clips. (4 clips per end) 9/ Upper chord ELEVATION

BACKSIDE WELD LUG

Note: Backside weld lug shall be installed only for projects requiring backside walkways.

END VIEW SAFETY CABLE

PLAN

End safety lug

-6 mm thick stiffener plate

Walkway bracket

(See Note 3)

Walkway bracket

Cope corners to fit

Use cable thimble

500

ELEVATION

both ends

100_

16 mm stainless steel clips.

Install and torque to manufacturer's

guidelines. Space interior clips equally. Total 4 clips per end.

32 mm galvanized bolt anchor

shackle with cotter pin (See Note 2)-

or thimble as possible.

Install this clip as close to loop

16 mm Dia stainless

steel cable (See Note 4)

NOTES

- 1. Stainless steel cable shall be plain with 6 x 19 IWRC construction using Type 302 or 304 stainless steel strands. Minimun cable breaking strength shall exceed 155 kN. Cable shall be free of kinks, knots, or deformation and shall be continuous between end lugs. Splices not allowed.
- 2. Shackle shall be galvanized steel with working load limit of 107 kN.
- 3. Place an equal amount of washers on each side to align cable with end lug without restricting shakle bolt rotation or contacting cable.
- 4. Cable shall be installed with a deflection not to exceed 25 mm, measure from taut position, when pulled with an upward force of 0.13 kN at midpoint between any two walkway brackets.
- 5. For walkway grating details, see sheet RSP S114 or RSP S133.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN-TRUSS SINGLE POST TYPE SAFETY CABLE **ANCHORAGE DETAILS** CHANGEABLE MESSAGE SIGNS **MODEL 500 AND 510**

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

RSP S141 DATED JANUARY 24, 2005 SUPERSEDES STANDARD PLAN S141 DATED JULY 1, 2004-PAGE 411 OF THE STANDARD PLANS BOOK DATED JULY 2004.

REVISED STANDARD PLAN RSP S141

